

PATNO IS 5642985

09/343,736  
Sepis search  
VERDIER  
3745

DATE: SEPTEMBER 3, 1999  
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PATNO IS 5642985

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09/343,736  
SEPIS SEARCH  
VERDIER  
3745

CORE TERMS: shock, blade, airfoil, radius, endwall, tip, radially, swept, transition, sweep...

NAME	DATE	TIME	LOCATION	REMARKS
JOHN D. SMITH	10/15/54	10:00 AM	10000	10000
JAMES E. BROWN	10/15/54	10:00 AM	10000	10000
WILLIAM F. GREEN	10/15/54	10:00 AM	10000	10000
CHARLES A. WHITE	10/15/54	10:00 AM	10000	10000
HENRY L. BLACK	10/15/54	10:00 AM	10000	10000
EDWARD G. GRAY	10/15/54	10:00 AM	10000	10000
FRANK M. HILL	10/15/54	10:00 AM	10000	10000
ALICE J. COOK	10/15/54	10:00 AM	10000	10000
ROBERT K. LEE	10/15/54	10:00 AM	10000	10000
MARY S. WALKER	10/15/54	10:00 AM	10000	10000
JOHN W. HARRIS	10/15/54	10:00 AM	10000	10000
ELIZABETH T. KING	10/15/54	10:00 AM	10000	10000
GEORGE H. BAKER	10/15/54	10:00 AM	10000	10000
JOHN R. MILLER	10/15/54	10:00 AM	10000	10000
MARY A. JONES	10/15/54	10:00 AM	10000	10000
WILLIAM B. SMITH	10/15/54	10:00 AM	10000	10000
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EDWARD E. WHITE	10/15/54	10:00 AM	10000	10000
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ROBERT H. HILL	10/15/54	10:00 AM	10000	10000
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JOHN M. MILLER	10/15/54	10:00 AM	10000	10000
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HENRY Q. GREEN	10/15/54	10:00 AM	10000	10000
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MARY V. COOK	10/15/54	10:00 AM	10000	10000
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WILLIAM BB. SMITH	10/15/54	10:00 AM	10000	10000
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MARY II. COOK	10/15/54	10:00 AM	10000	10000
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ELIZABETH KK. WALKER	10/15/54	10:00 AM	10000	10000
GEORGE LL. BAKER	10/15/54	10:00 AM	10000	10000
JOHN MM. MILLER	10/15/54	10:00 AM	10000	10000
MARY NN. JONES	10/15/54	10:00 AM	10000	10000
WILLIAM OO. SMITH	10/15/54	10:00 AM	10000	10000
CHARLES PP. BROWN	10/15/54	10:00 AM	10000	10000
HENRY QQ. GREEN	10/15/54	10:00 AM	10000	10000
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FRANK SS. BLACK	10/15/54	10:00 AM	10000	10000
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ROBERT UU. HILL	10			

5,642,985

<=2> GET 1st DRAWING SHEET OF 7

Jul. 1, 1997

Swept turbomachinery blade

REISSUE: Reissue Application filed Jun. 30, 1999 (O.G. Aug. 24, 1999) Ex. Gp.:  
3745; Re. S.N. 09/343,736

CORE TERMS: shock, blade, airfoil, radius, endwall, tip, radially, swept, transition, sweep...

197001	197002	197003	197004	197005	197006	197007	197008	197009	197010	197011	197012	197013	197014	197015	197016	197017	197018	197019	197020	197021	197022	197023	197024	197025	197026	197027	197028	197029	197030	197031	197032	197033	197034	197035	197036	197037	197038	197039	197040	197041	197042	197043	197044	197045	197046	197047	197048	197049	197050	197051	197052	197053	197054	197055	197056	197057	197058	197059	197060	197061	197062	197063	197064	197065	197066	197067	197068	197069	197070	197071	197072	197073	197074	197075	197076	197077	197078	197079	197080	197081	197082	197083	197084	197085	197086	197087	197088	197089	197090	197091	197092	197093	197094	197095	197096	197097	197098	197099	197100	197101	197102	197103	197104	197105	197106	197107	197108	197109	197110	197111	197112	197113	197114	197115	197116	197117	197118	197119	197120	197121	197122	197123	197124	197125	197126	197127	197128	197129	197130	197131	197132	197133	197134	197135	197136	197137	197138	197139	197140	197141	197142	197143	197144	197145	197146	197147	197148	197149	197150	197151	197152	197153	197154	197155	197156	197157	197158	197159	197160	197161	197162	197163	197164	197165	197166	197167	197168	197169	197170	197171	197172	197173	197174	197175	197176	197177	197178	197179	197180	197181	197182	197183	197184	197185	197186	197187	197188	197189	197190	197191	197192	197193	197194	197195	197196	197197	197198	197199	197200	197201	197202	197203	197204	197205	197206	197207	197208	197209	197210	197211	197212	197213	197214	197215	197216	197217	197218	197219	197220	197221	197222	197223	197224	197225	197226	197227	197228	197229	197230	197231	197232	197233	197234	197235	197236	197237	197238	197239	197240	197241	197242	197243	197244	197245	197246	197247	197248	197249	197250	197251	197252	197253	197254	197255	197256	197257	197258	197259	197260	197261	197262	197263	197264	197265	197266	197267	197268	197269	197270	197271	197272	197273	197274	197275	197276	197277	197278	197279	197280	197281	197282	197283	197284	197285	197286	197287	197288	197289	197290	197291	197292	197293	197294	197295	197296	197297	197298	197299	197300	197301	197302	197303	197304	197305	197306	197307	197308	197309	197310	197311	197312	197313	197314	197315	197316	197317	197318	197319	197320	197321	197322	197323	197324	197325	197326	197327	197328	197329	197330	197331	197332	197333	197334	197335	197336	197337	197338	197339	197340	19734
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5,642,985 OR 5642985

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nbr us5642985

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sel 3

SS 1 RESULT (1)

SS 2?

prt full ind

-1- (LEGSTAT)

PATENT NUMBER

DOCUMENT TYPE

ACTION

US 5642985 [US5642985]

US-P

95.11.17 US/AE-A

APPLICATION DATA (PATENT)

{US 559965/95 [95US-559965] 95.11.17}

ACTION

95.11.17 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

UNITED TECHNOLOGIES CORPORATION 1 FINANCIAL PLAZA

HARTFORD, CONNECTICUT 60191 \* SPEAR, DAVID A. :

19951018; BIEDERMAN, BRUCE P. : 19951109; OROSA, JOHN

A. : 19951102

ACTION

97.07.01 US/A

PATENT

UPDATE

9920

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8	1	US5643008/PN
9	1	US5643093/PN
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*no citations for '985 in LITALERT*

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nbr us5642985

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12	2	US5642977/PN
13	1	US5642985/PN
14	1	US5642989/PN
15	1	US5643042/PN

UP N OR DOWN N?

sel 13

SS 1 RESULT (1)

SS 2?  
prt full ind

-1- (PAST)  
ACCESSION NUMBER 9934-001367  
PATENT NUMBER US5642985

DOCUMENT TYPE  
OFFICIAL GAZETTE  
CODE  
ACTION  
SUBJECT HEADING

A (UTILITY)

99.08.24

REA

REISSUE APPLICATION FILED

REISSUE APPLICATION FILED

09343736.063099

File 345:Inpadoc/Fam.& Legal Stat 1999/UD=9934  
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Set	Items	Description
S1	1	PN=US 5642985

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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13640615

Basic Patent (No,Kind,Date): EP 774567 A1 970521 <No. of Patents: 003>

#### PATENT FAMILY:

##### EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 774567 A1 970521  
SWEPT TURBOMACHINERY BLADE (English; French; German)  
Patent Assignee: UNITED TECHNOLOGIES CORP (US)  
Author (Inventor): SPEAR DAVID A (US); BIEDERMAN BRUCE P (US); OROSA  
JOHN A (US)  
Priority (No,Kind,Date): US 559965 A 951117  
Applic (No,Kind,Date): EP 96308303 A 961115  
Designated States: (National) DE; FR; GB  
IPC: \* F01D-005/14; F04D-029/38  
Derwent WPI Acc No: \* G 97-274383; G 97-274383  
Language of Document: English

##### EUROPEAN PATENT OFFICE (EP)

###### Legal Status (No,Type,Date,Code,Text):

EP 774567	P	951117	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 559965 A	951117
EP 774567	P	961115	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 96308303 A	961115
EP 774567	P	970521	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 774567	P	970521	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 774567	P	970903	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			970705	
EP 774567	P	981111	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			980924	

##### JAPAN (JP)

Patent (No,Kind,Date): JP 9184451 A2 970715  
TURBO MACHINE BLADE (English)  
Patent Assignee: UNITED TECHNOLOGIES CORP  
Author (Inventor): DEIBITSUDO EI SUPIA; BURUUSU PII BIIDAAMAN; JIYON  
EI OROOSA  
Priority (No,Kind,Date): US 559965 A 951117  
Applic (No,Kind,Date): JP 96301416 A 961113  
IPC: \* F02K-003/06; F01D-005/14  
Derwent WPI Acc No: \* G 97-274383  
Language of Document: Japanese



UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5642985 A 970701

SWEPT TURBOMACHINERY BLADE (English)

Patent Assignee: UNITED TECHNOLOGIES CORP (US)

Author (Inventor): SPEAR DAVID A (US); BIEDERMAN BRUCE P (US); OROSA JOHN A (US)

Priority (No,Kind,Date): US 559965 A 951117

Applic (No,Kind,Date): US 559965 A 951117

National Class: \* 416238000; 415181000; 416242000

IPC: \* F01D-005/14

Derwent WPI Acc No: \* G 97-274383

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5642985 P 951117 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))

US 559965 A 951117

US 5642985 P 951117 US AS02 ASSIGNME

US 5642985	P	951117	US AS02 INTEREST	ASSIGNMENT OF ASSIGNOR'S
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UNITED TECHNOLOGIES CORPORATION 1 FINANCIAL  
PLAZA HARTFORD, CONNECTICUT 60191 ; SPEAR,  
DAVID A. : 19951018; BIEDERMAN, BRUCE P. :  
19951109; OROSA, JOHN A. : 19951102

US 5642985 P 970701 US A PATENT

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